

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A removable magnetic recording medium which is a removable disc medium for use in a magnetic recording system utilizing an MR head, wherein

the removable disc medium is encased in a cartridge,

a diameter of the disc medium is from 20 mm to 50 mm,

~~and~~ the disc medium comprises a flexible polymer support, an undercoat layer, ~~and~~ a recording layer, a protective layer, and a lubricating layer in this order,

the support comprises polyethylene terephthalate or polyethylene naphthalate and has a thickness of 30 μm to 70 μm ,

a surface of the undercoat layer has 0.1 to 100/ μm^2 of projections having a height of from 5 to 60 nm,

~~comprising~~ the recording layer comprises a ferromagnetic metal alloy containing cobalt, and

the lubricating layer comprises a lubricant.

2. (currently amended): The removable magnetic recording medium according to claim 1, wherein the recording layer comprises a nonmagnetic oxide and ~~[[a]]~~ the ferromagnetic metal alloy containing cobalt.

3. (original): The removable magnetic recording medium according to claim 1, wherein the ferromagnetic metal alloy comprises one of combinations selected from Co-Pt, Co-Cr, Co-Pt-Cr, Co-Pt-Cr-Ta and Co-Pt-Cr-B.

4. (original): The removable magnetic recording medium according to claim 2, wherein the nonmagnetic oxide is SiO_2 .

AMENDMENT

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5. (original): The removable magnetic recording medium according to claim 1, wherein the recording layer has a thickness of from 10 to 60 nm.

6-7. (canceled).

8. (currently amended): The removable magnetic recording medium according to ~~claim 6~~ claim 1, wherein ~~[[a]]~~ the surface of the undercoat layer has 1 to $10/\mu\text{m}^2$ of projections having a height of from 5 to 60 nm.

9. (currently amended): The removable magnetic recording medium according to claim 1, wherein the disc medium further comprises an under layer so that the flexible polymer support, the undercoat layer, the under layer, ~~and~~ the recording layer, the protective layer, and the lubricating layer is in this order, and the under layer comprises Cr, Ru, C or an alloy of Cr with a metal selected from Ti, Si, W, Ta, Zr, Mo and Nb.

10. (new): A method of recording, comprising providing a removable magnetic recording medium in a magnetic recording system utilizing an MR head, wherein:

the removable magnetic recording medium is a removable disc medium encased in a cartridge;

a diameter of the disc medium is from 20 mm to 50 mm;

the disc medium comprises a flexible polymer support, an undercoat layer, a recording layer, a protective layer, and a lubricating layer in this order;

the support comprises polyethylene terephthalate or polyethylene naphthalate and has a thickness of 30 μm to 70 μm ;

a surface of the undercoat layer has 0.1 to $100/\mu\text{m}^2$ of projections having a height of from 5 to 60 nm;

the recording layer comprises a ferromagnetic metal alloy containing cobalt; and

the lubricating layer comprises a lubricant.